GEOLOGICAL MAP
OF
NEWFOUNDLAND

COMPILED FROM THE MOST RECENT & AUTHENTIC SOURCES

THE COAST LINE CORRECTED TO DATE FROM THE ADMIRALTY SURVEYS

THE INTERIOR CHIEFLY FROM THE WORK OF THE GEOLOGICAL SURVEY

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LEGEND

PALAEOZOIC
- G Carboniferous
- F Devonian
- E Silurian
- D Cambrian & Cambro-Silurian

ARCHAEAN
- C Jeddonian (Pre-Cambrian)
- B Huronian
- A Laurentian & undetermined

IGNEOUS & METAMORPHIC ROCKS
- Serpentines, Diorites, Dolerites &c.
- Trap Greenstone &c.
- Granite, Syenite, Porphyry &c.

Antimony, Asbestus, Barite, Coal, Copper, Chromite, Gold, Gypsum, Iron, Lead, Manganese, Marble, Molybdenite, Mispickel, Porphirian, Pyrite, Tyrrhenite, Silver, Slate, Talc, Zinc, Soap Quarries, Brick Deposits, Mineral Veins

GEOLOGICAL NOTES

A

Much of this has been provisionally referred to Laurentian, not being as yet thoroughly explored. It is quite probable that upon further examinations, portions of more recent series will be found within these areas.

B

This is the typical Lower Huronian series composed of mixed igneous and aqueous deposits in a highly metamorphosed condition.

C

The term Jeddonian was suggested by the Hon. C. D. Walcott, Director of the U. S. Geological Survey, for this series, it being difficult to correlate it with any of the Pre-Cambrian series of Canada, with which it seems to be closely allied, partly with both Huronian and Coutchiching, into which it seems to merge at the base and top. There is no perceptible unconformity between it and the Huronian, but in other areas, as on the Labrador coast, it is unconformably overlaid by rocks of Cambrian age.

D

The series D is characterized by two clearly fossil, viz: Acrotretidae spirals, and Euphrella Terranovica Billings.

E

The term Cambrian is only applied provisionally for the present, for among reasons the rocks constituting it resemble the Sarsjoenen series of Norway.

SCALE

GEOGRAPHICAL MILES. 60 = 1° LAT.

0 5 10 20 30 40 50

ENGLISH STATUTE MILES. 69 = 1° LAT.

0 5 10 20 30 40 50

TORONTO LITHO CO'Y.

ATLANTIC OCEAN

G3436.C5 1907 .H6
3/4
G3436.C5 1907 .H6
1/4